

ABSTRACT OF THE DISCLOSURE

A stereoscopic image display apparatus is provided. The apparatus comprises a light source radiating light with a predetermined wavelength range, an one-dimensional spatial modulator including one-dimensionally arranged elements that are independently driven to generate an arbitrary phase distribution, and a scan unit scanning the light from the light source to a predetermined direction, the light having entered into the one-dimensional spatial modulator and having been modulated therein.

09906237-112101